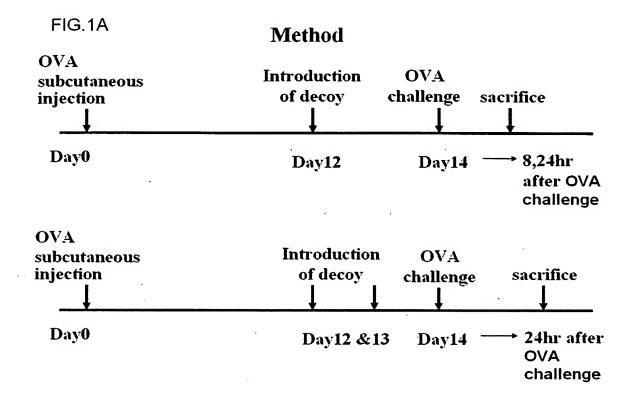
Applicants: Ryuichi Morishita et al.

Attorney Docket No.: ANGES-9
Application No: Not Yet Assigned Filed: Concurrently Herewith
For: MEDICINAL COMPOSITION CONTAINING NF-KB DECOY FOR TREATING
AND PREVENTING RESPIRATORY DISEASES AND METHOD OF USING THE SAME
Attorney: James F. Haley, Jr. (Reg. No. 27,794)

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nasal inhalation aerosol

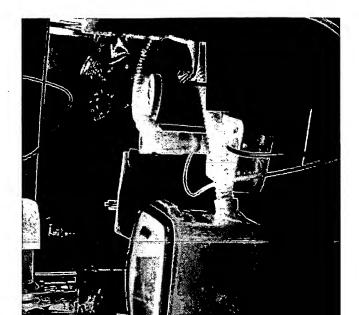
Decoy :2mg/4ml OVA :5%wt. × 5min O2 flow 7-8 @/min

FIG.1B

Inhalation of OVA and decoy into rat

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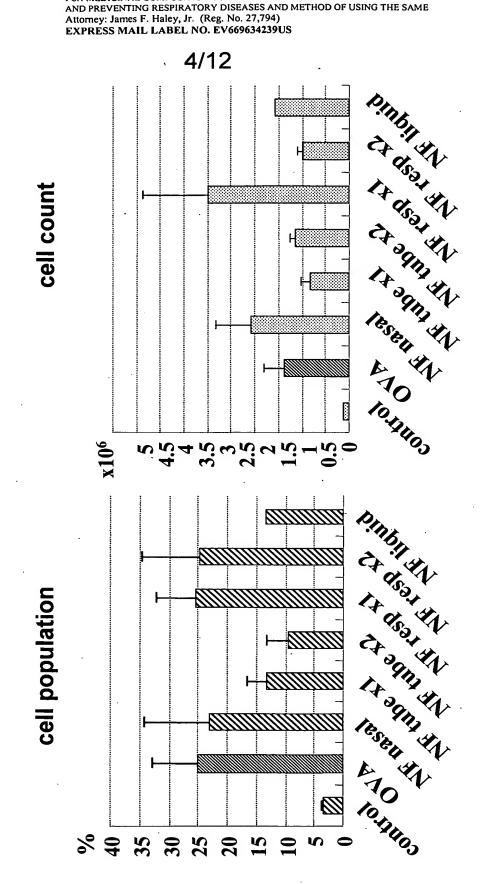


Decoy :2 or $4mg/20ml \times 2$ Air flow 7-8 ℓ /min, 60min

normal inhalation

Inhalation of decoy into rat (2)

FIG.1C



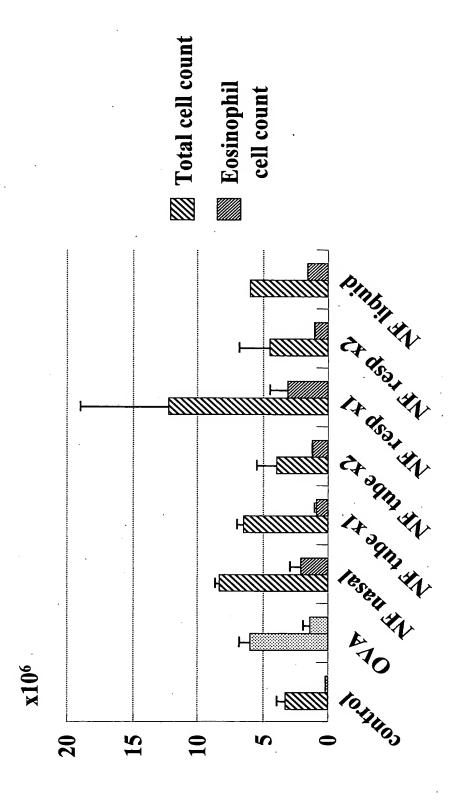
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FIG.2A

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BAL cell count

FIG.2B

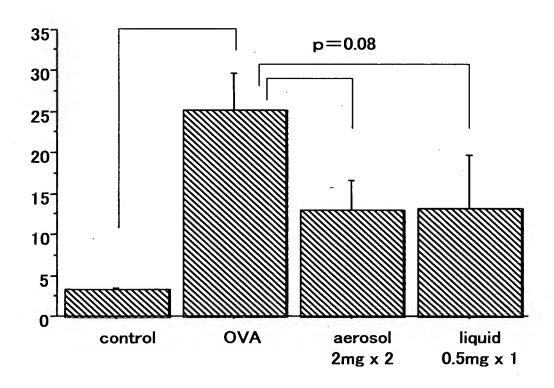
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BAL Eosinophil %

FIG.2C

p<0.01

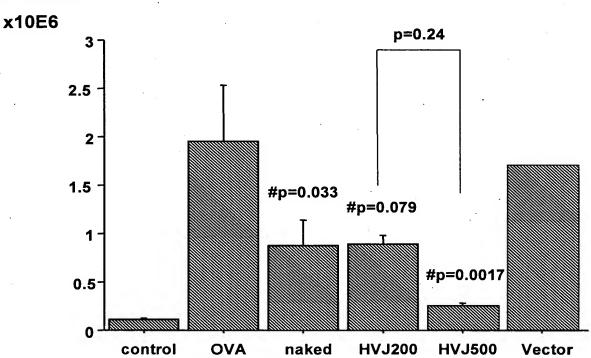


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FIG.3A BAL Eosinophil cell count

cell count



naked: naked decoy 500ug

HVJ(200): HVJ-E 10000HAU & decoy 200ug HVJ(500): HVJ-E 25000HAU & decoy 500ug

Vector: HVJ-E 25000HAU without decoy

#: vs. OVA

Applicants: Ryuichi Morishita et al. Application No: Not Yet Assigned

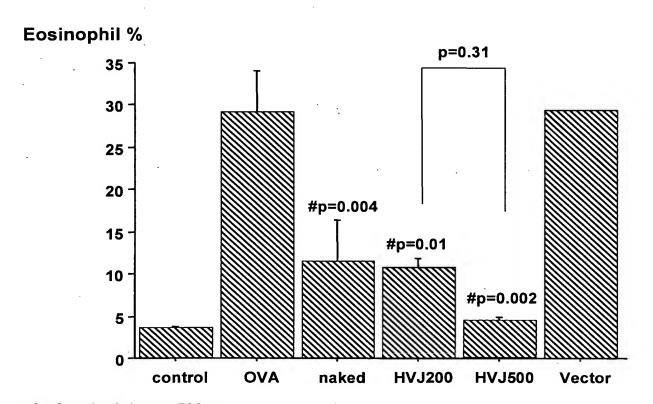
Attorney Docket No.: ANGES-9 Filed: Concurrently Herewith For: MEDICINAL COMPOSITION CONTAINING NF-KB DECOY FOR TREATING AND PREVENTING RESPIRATORY DISEASES AND METHOD OF USING THE SAME

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FIG.3B

BAL Eosinophil %



naked: naked decoy 500ug

HVJ(200): HVJ-E 10000HAU & decoy 200ug

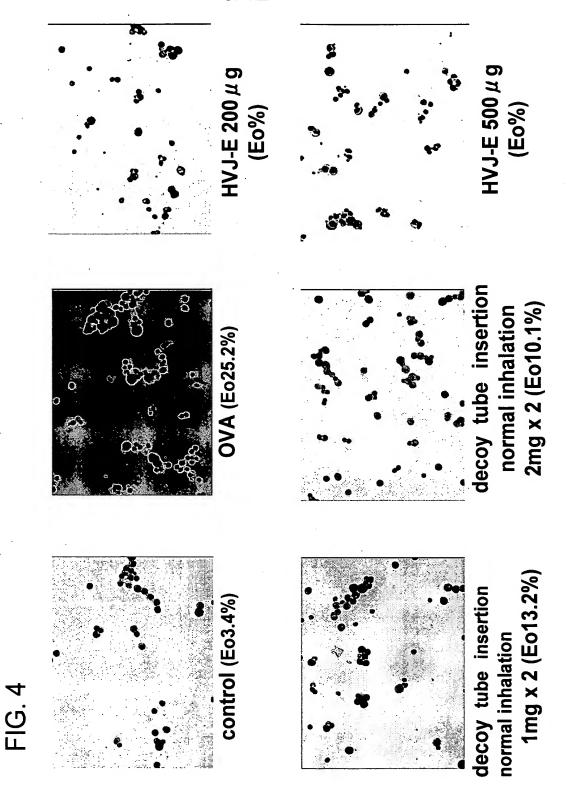
HVJ(500): HVJ-E 25000HAU & decoy 500ug

Vector: HVJ-E 25000HAU without decoy

#: vs. OVA

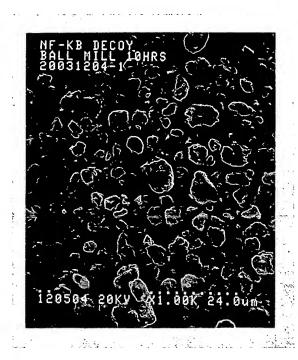
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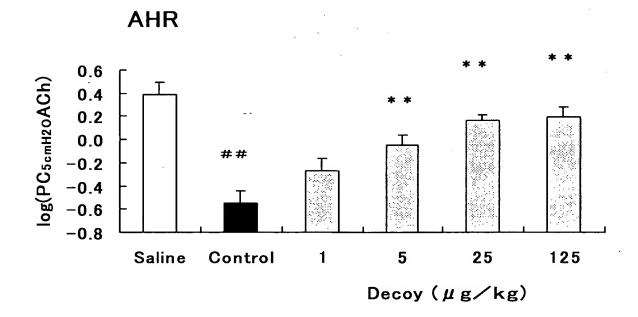
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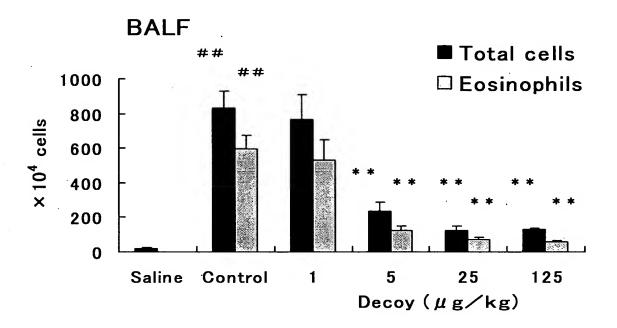


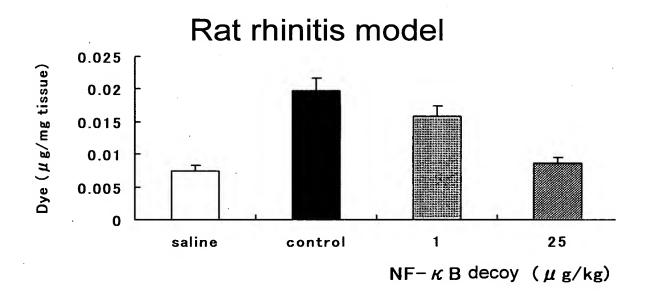
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